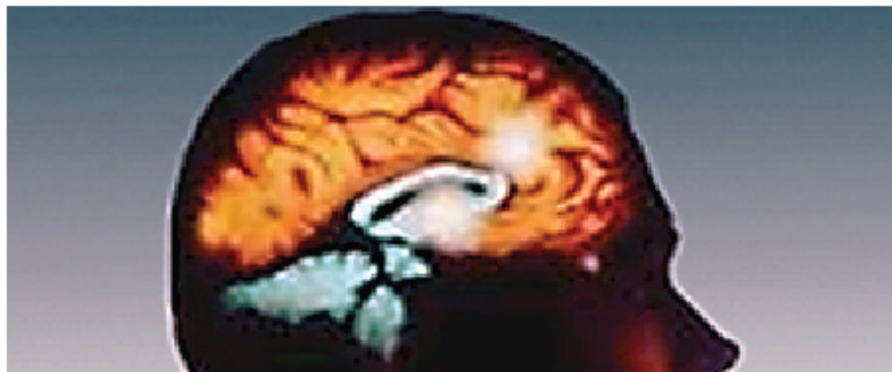


BRAIN INJURY ASSOCIATION

OF NORTH CAROLINA

Offering help, hope, and a voice
for people with brain injuries and their families

Sandra Farmer



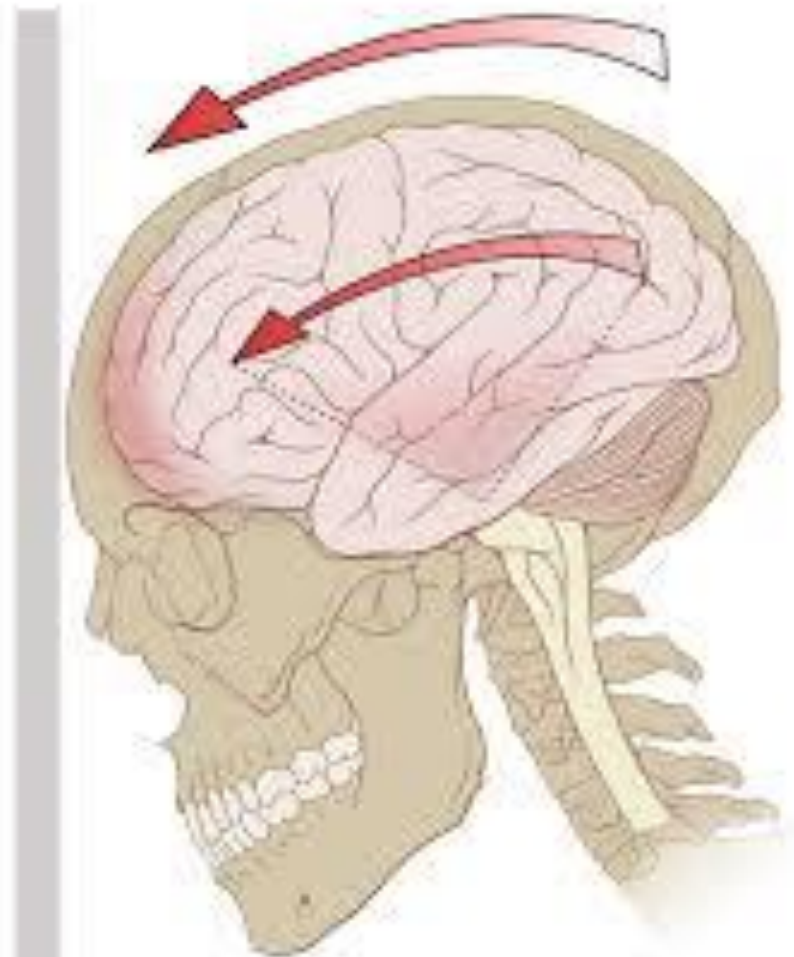
*A brain injury is never expected,
never wanted, and always
a life changing experience.*



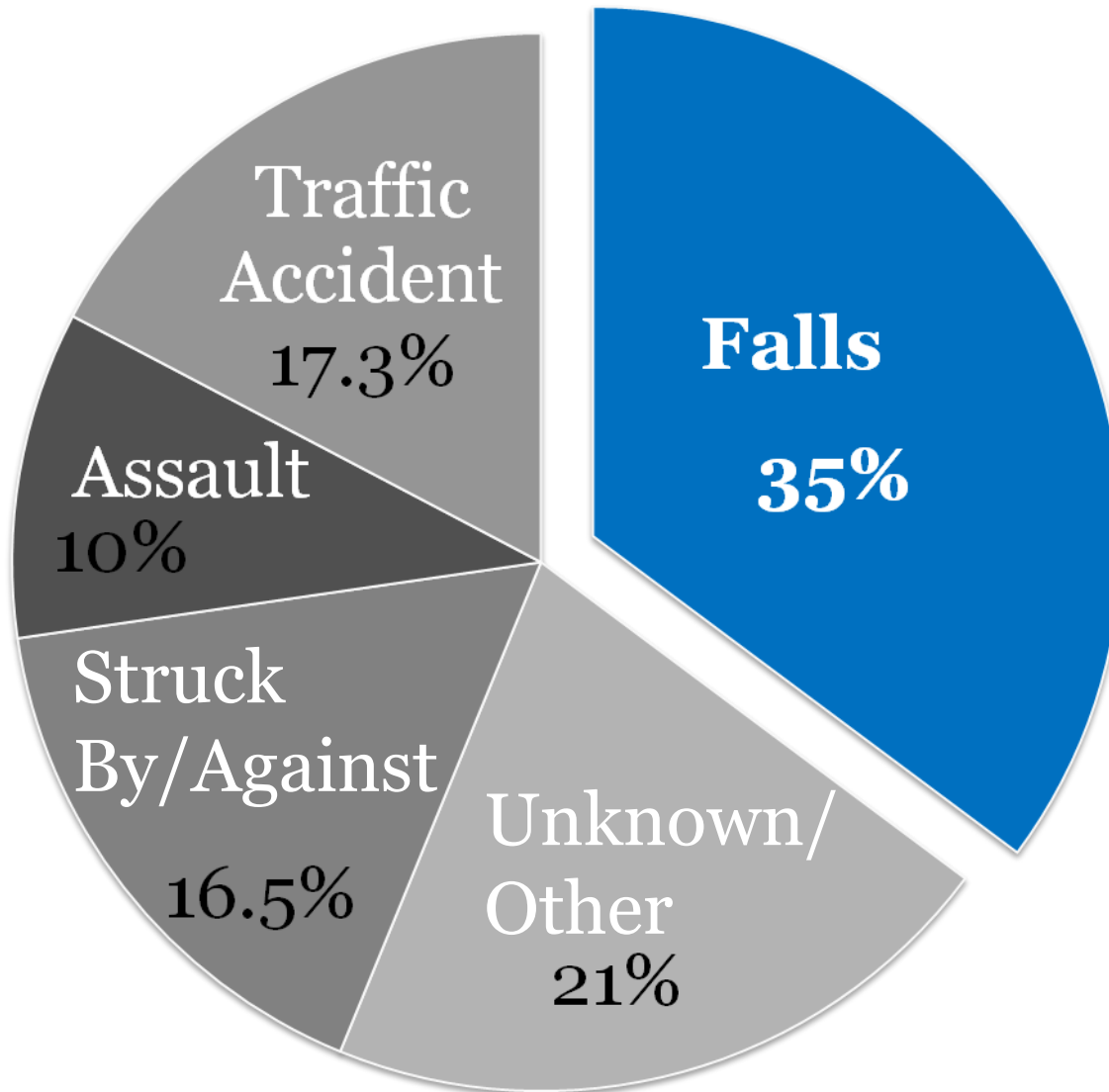
Types of Brain Injury

Acquired Brain Injury (ABI)

Traumatic Brain Injury (TBI)



Leading Causes of TBI



Annual Incidence of TBI

Traumatic Brain Injuries

1,500,000

Breast Cancer 176,300

HIV/AIDS 51,334

Spinal Cord Injuries 11,000

Multiple
Sclerosis 10,400

Traumatic Brain Injury is one of the signature combat wounds of the Iraq and Afghanistan wars

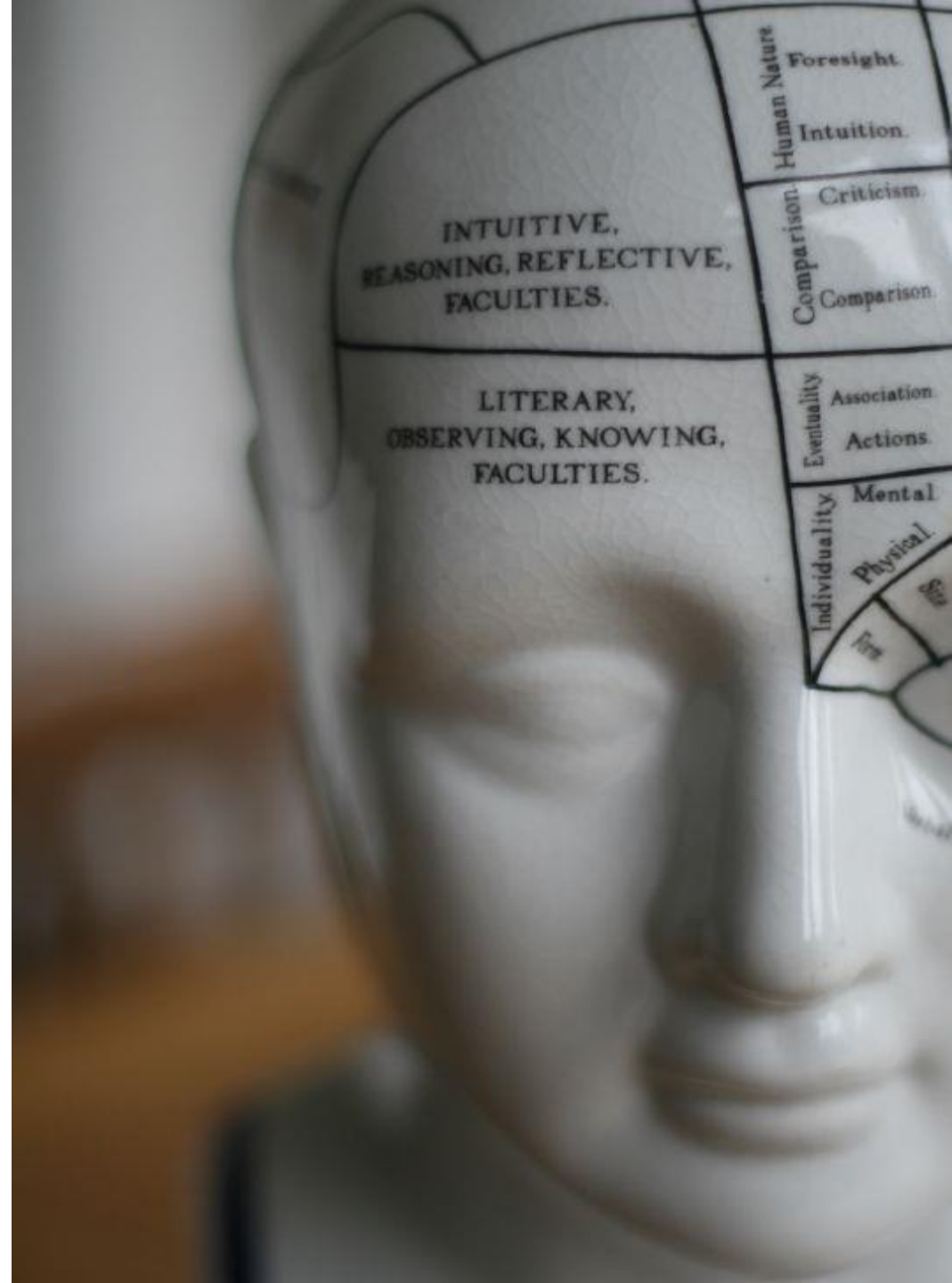




“Brain injury is the leading cause
of disability and death
in children and young people.”

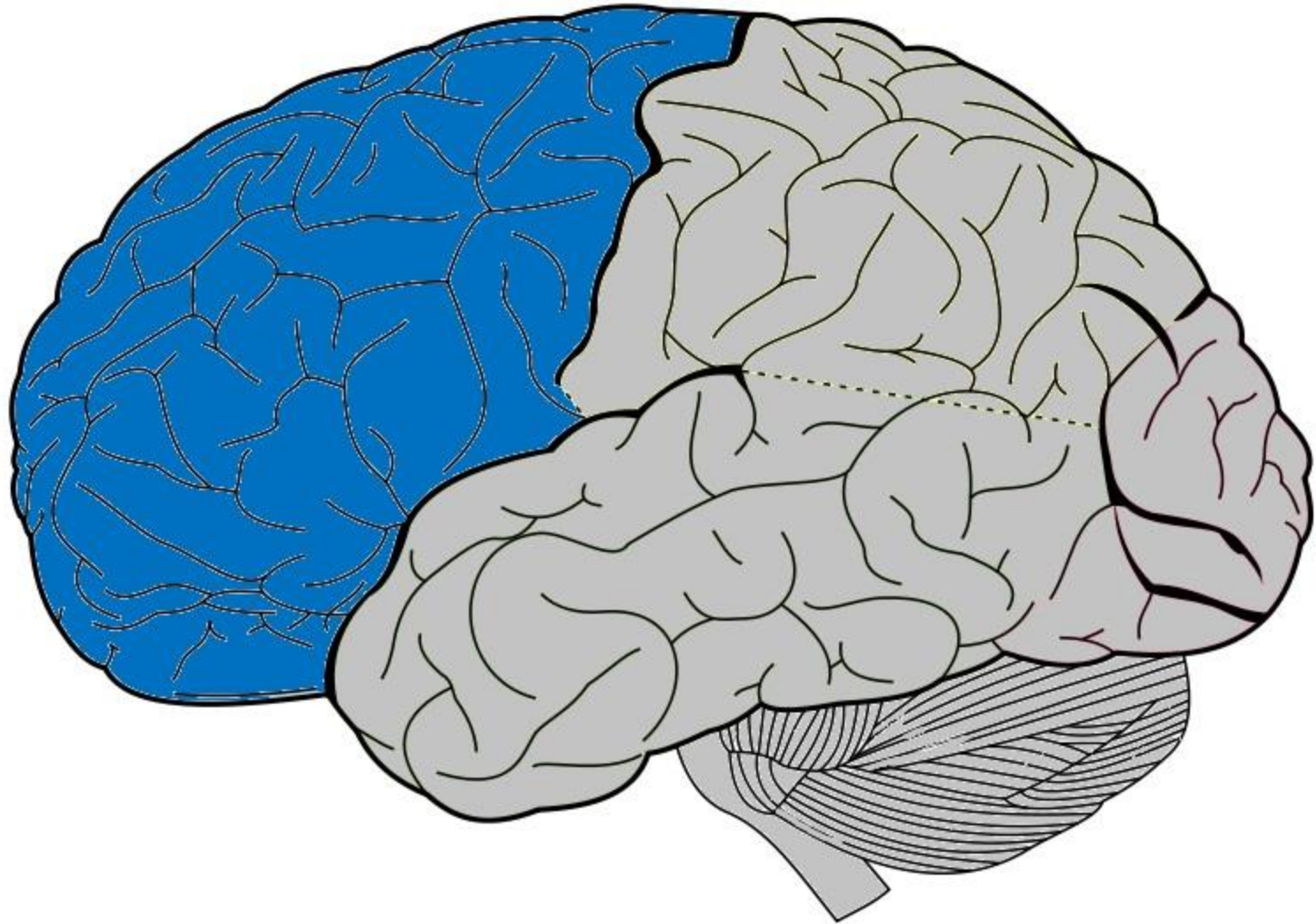


The Brain

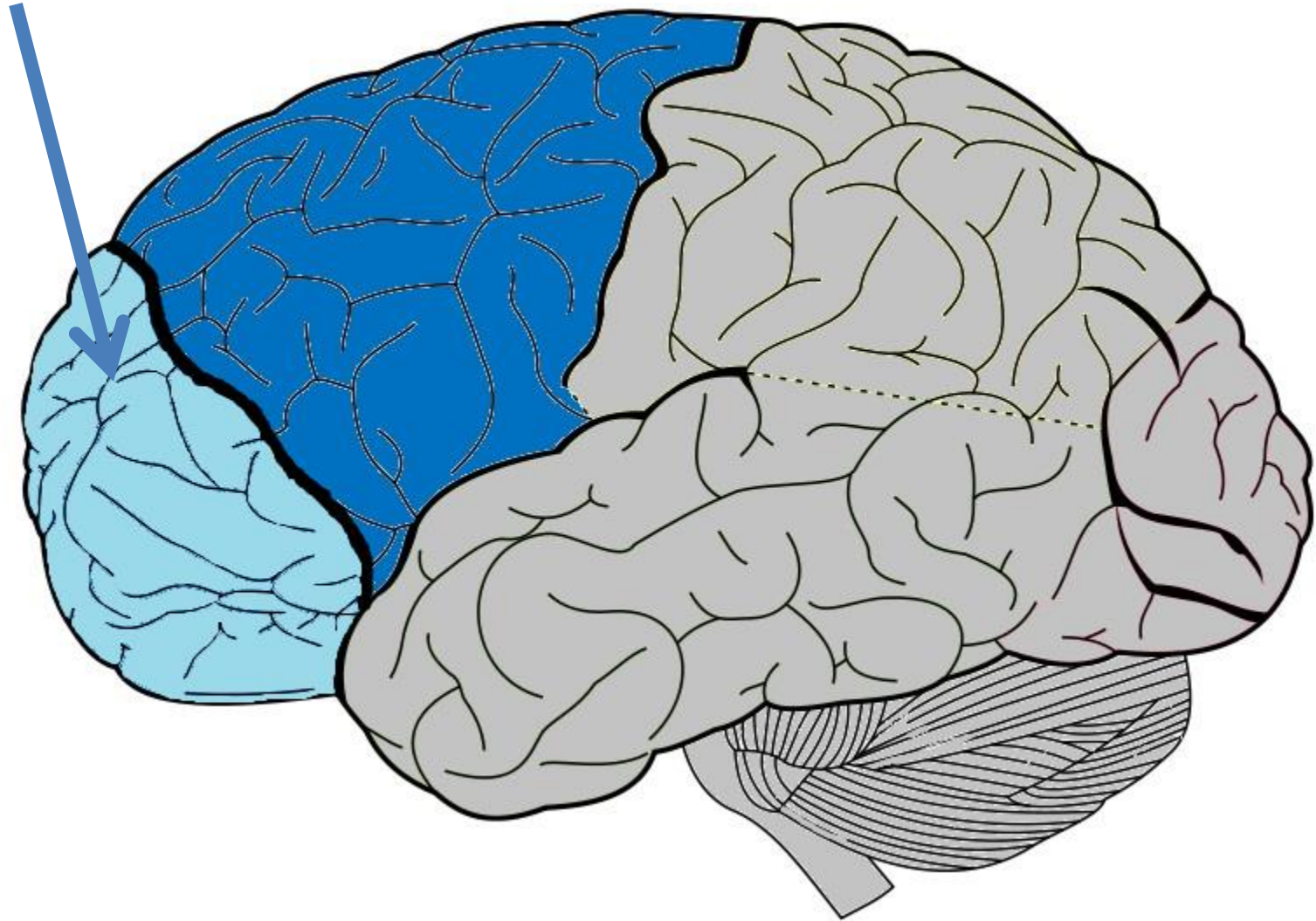




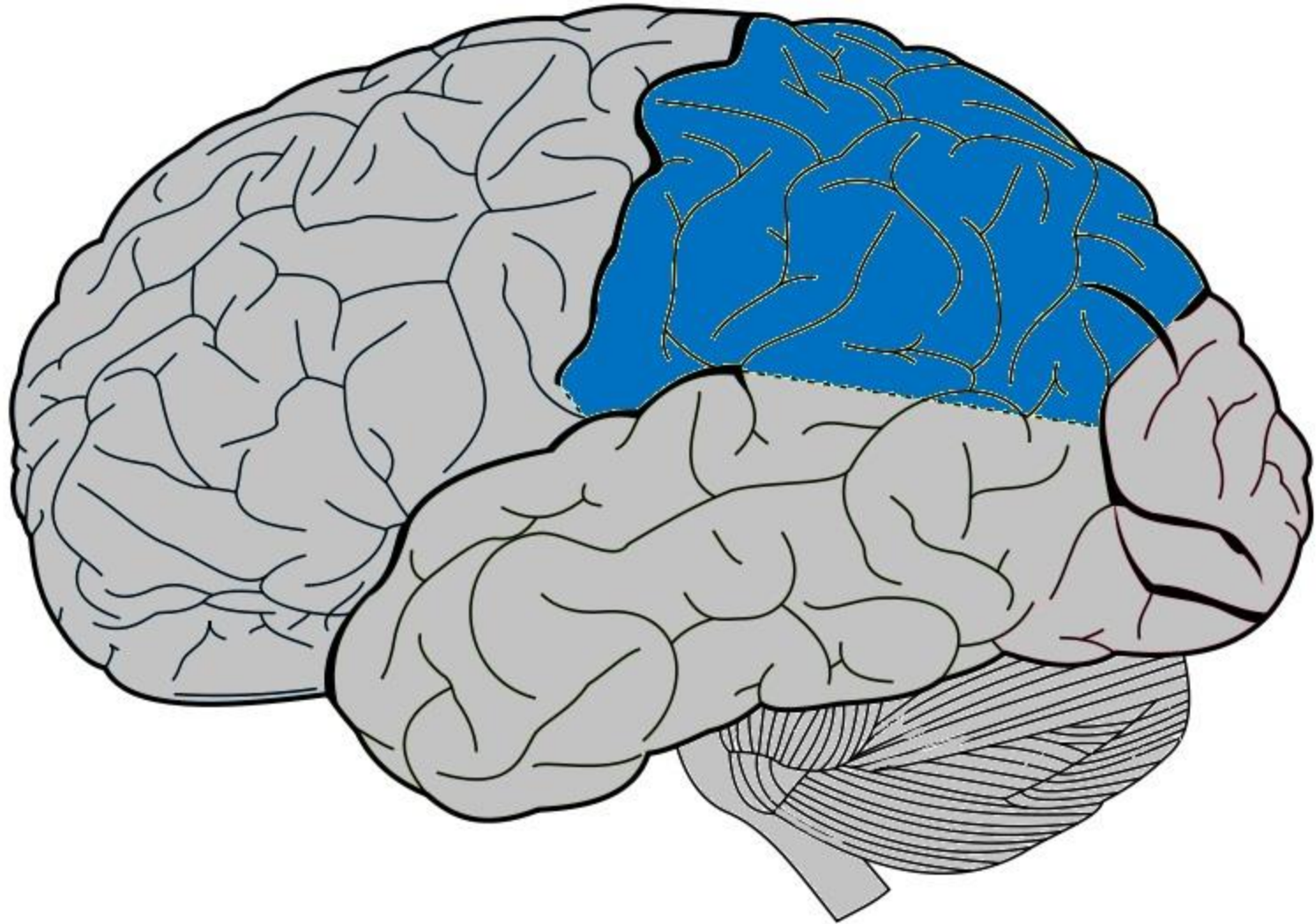
Frontal lobe---Judgment, problem solving, motivation



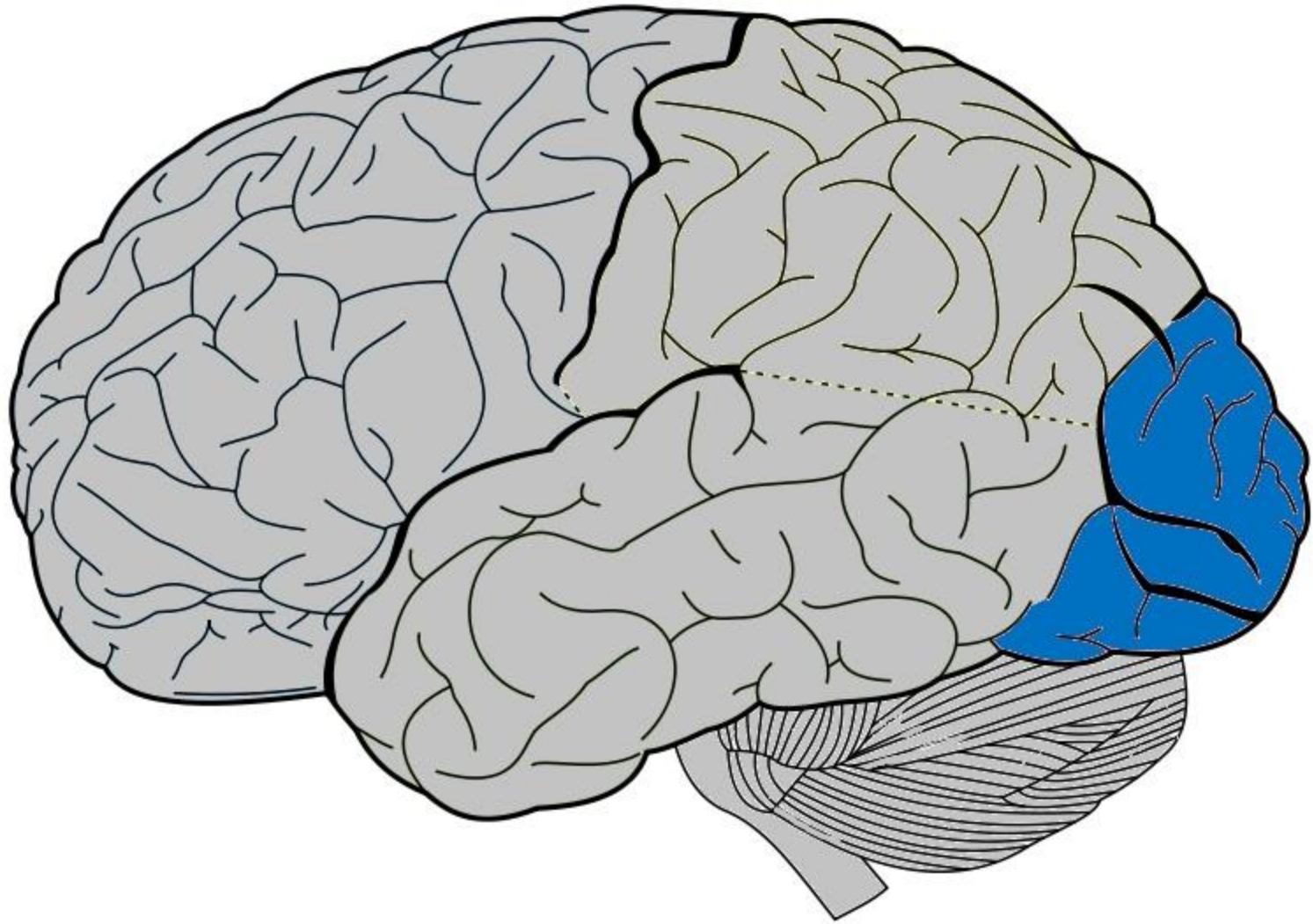
Pre-frontal cortex—planning, decision making etc.



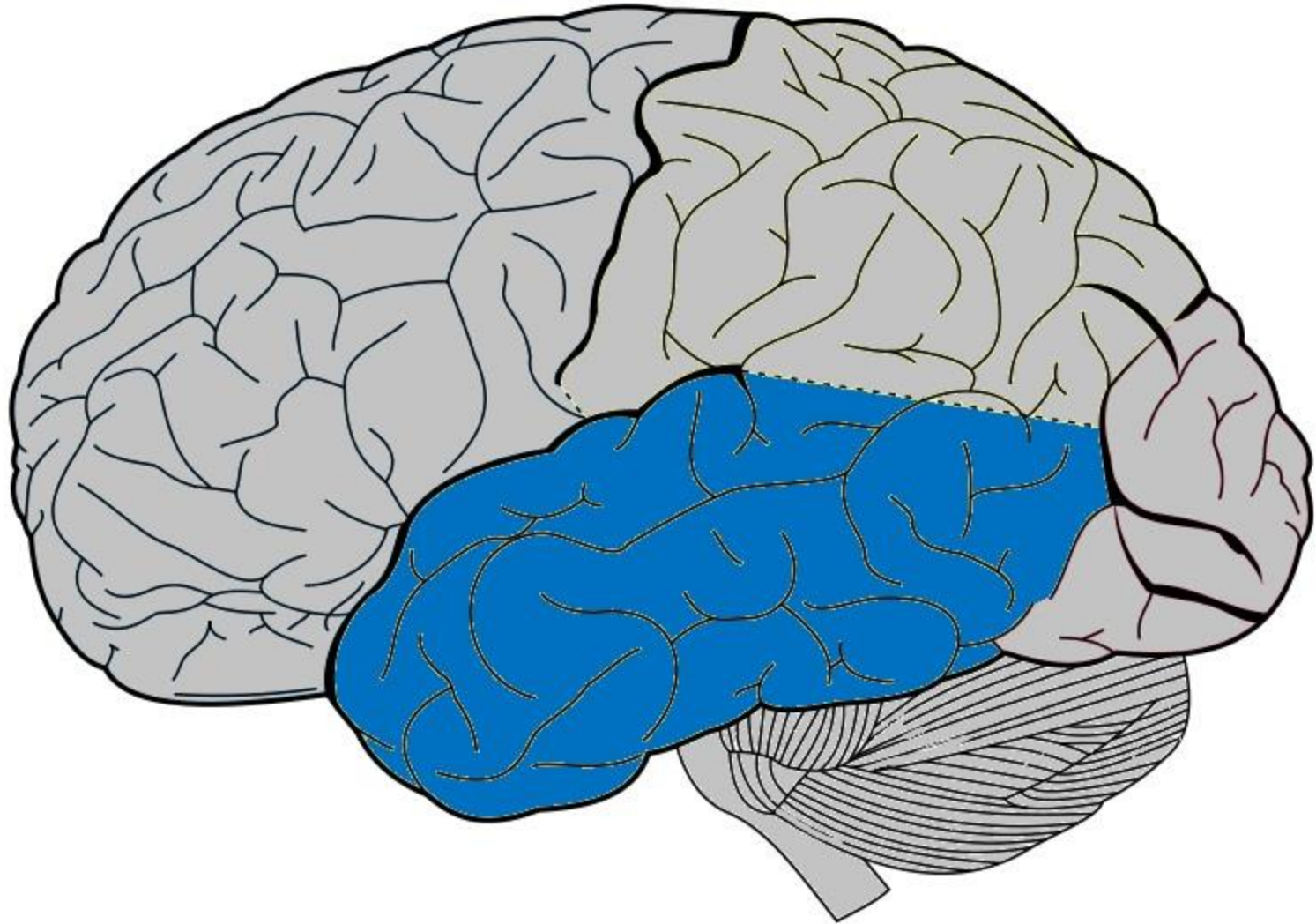
Parietal lobe---controls sensations such as touch, visual spatial perception



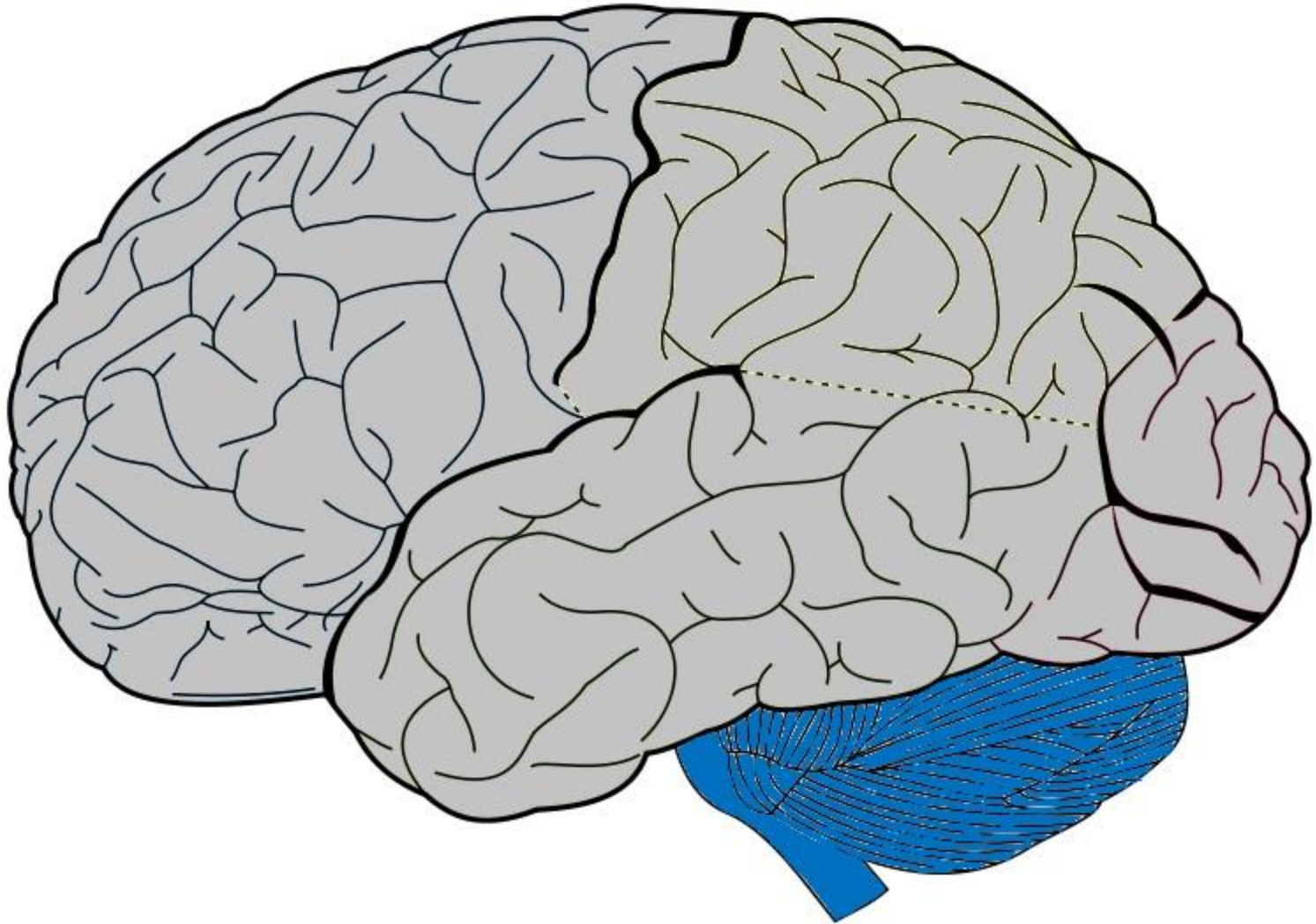
Occipital lobe---vision, recognize shapes etc.



Temporal lobe---memory, hearing, understanding language



Cerebellum and brain stem—balance , movement and basic bodily functions



Brain Injuries

Penetrating Injury

Closed Injury

Focal Injury

Diffuse Injury



Fracture

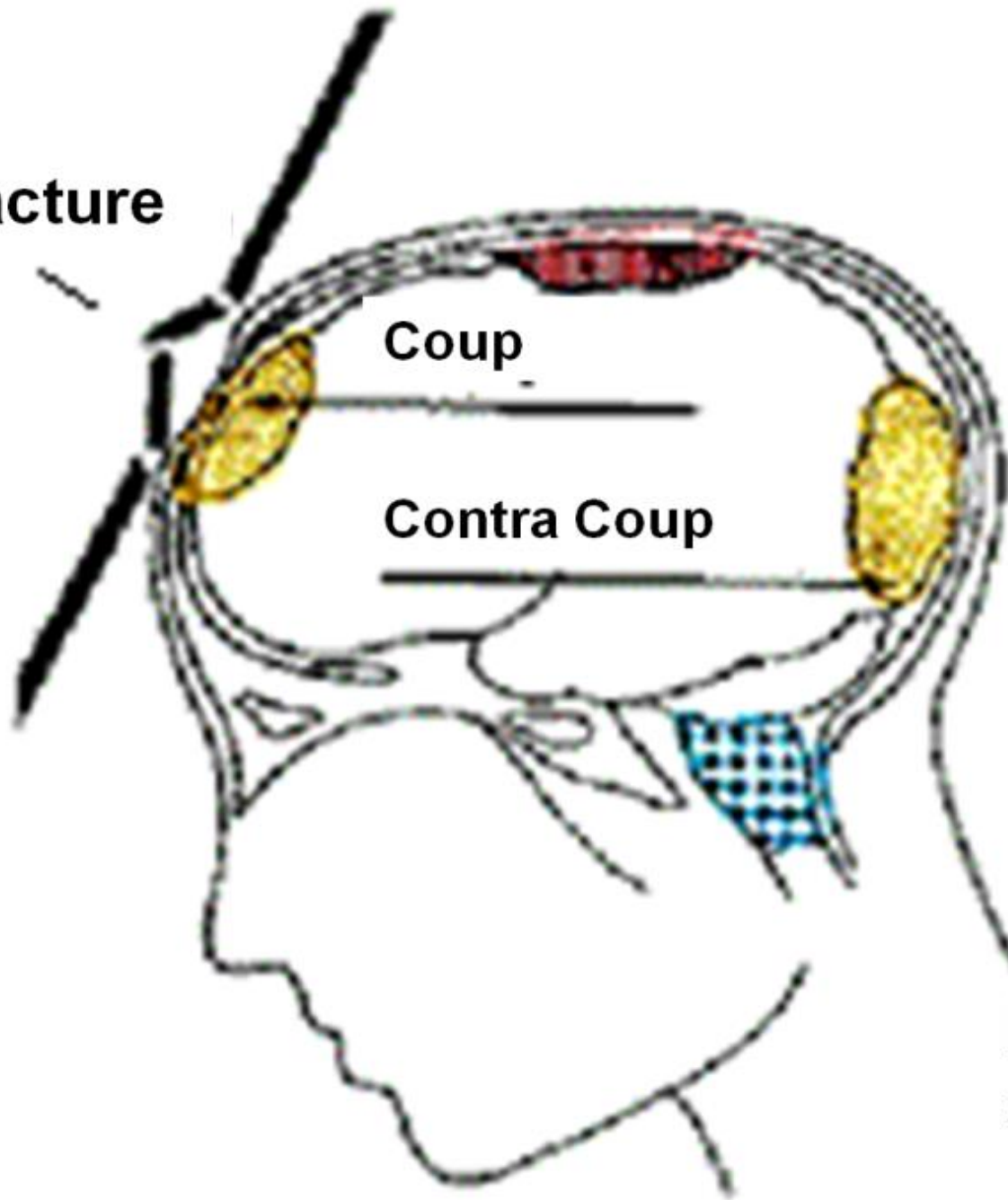
Coup

Contra Coup

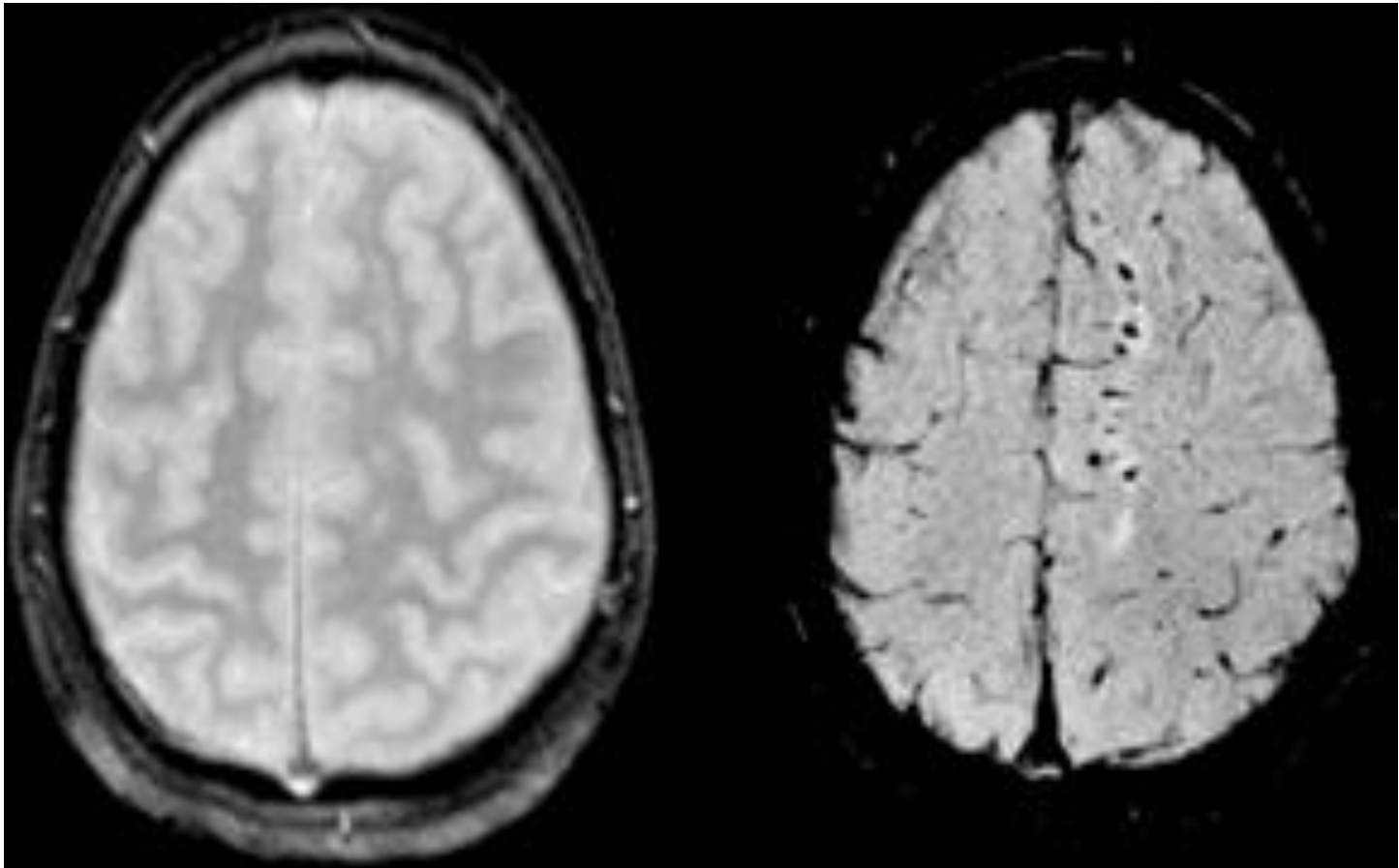
Bleeding

Bruising

**Brain stem
swelling, tearing**



Diffuse Axonal Injury





“Even a brain injury as minor as a concussion can have devastating long-term physical consequences, causing seizures, memory loss, learning disabilities and more.”



Professional sports and the war are raising awareness of concussions and TBI



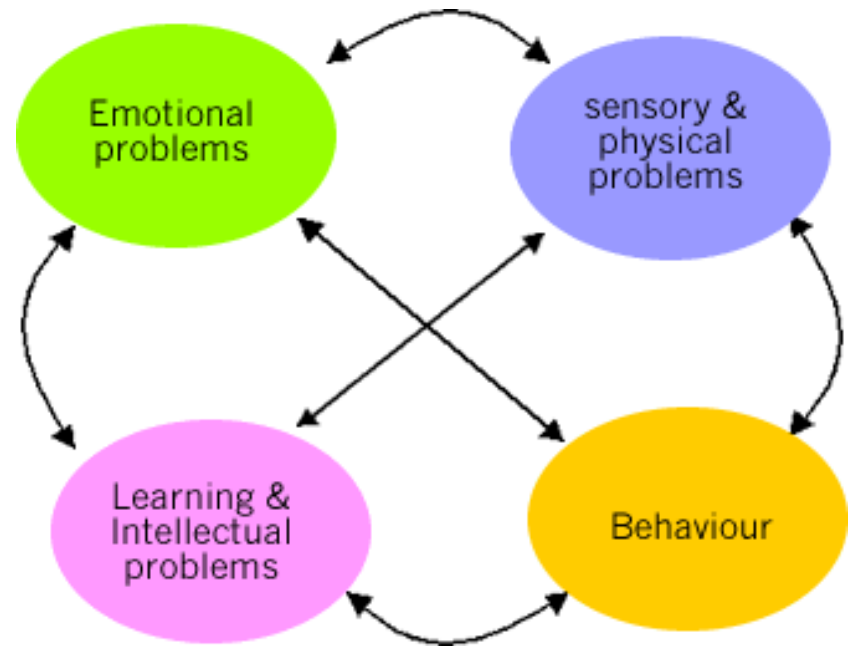
Multiple Brain Injuries

- A person with a TBI is 3 times more likely to sustain an additional TBI
- A person with more than one TBI is 8 times more likely to sustain additional TBIs



Possible Consequences of Brain Injury

- Physical
- Cognitive
- Communication
- Behavioral and Emotional



Symptoms you Could See

- Ability to respond to requests
- Fatigue, tires easily
- Aggression or property destruction
- Yelling and angry outbursts
- Decreased frustration tolerance
- Depression and emotional swings
- Impulsivity and hyperactivity
- Disinhibited sexual behavior

Physical Effects

Seizures

Headaches

Sleep Changes

Fatigue

Balance/Muscle
Changes

Sensation Changes



Cognitive Changes

Memory Loss

Attention

Language

Insight

Executive
Functioning



Social Interaction

Egocentricity

Communication
Difficulties

Boundaries/
Personal Space



Behavioral Changes

Emotional
responsiveness

Anger/Aggression

Mental health
Changes

Personality
Changes



Social Interaction

Egocentricity

Boundaries/
Personal Space

Communication
Difficulties



Social/Behavioral Consequences

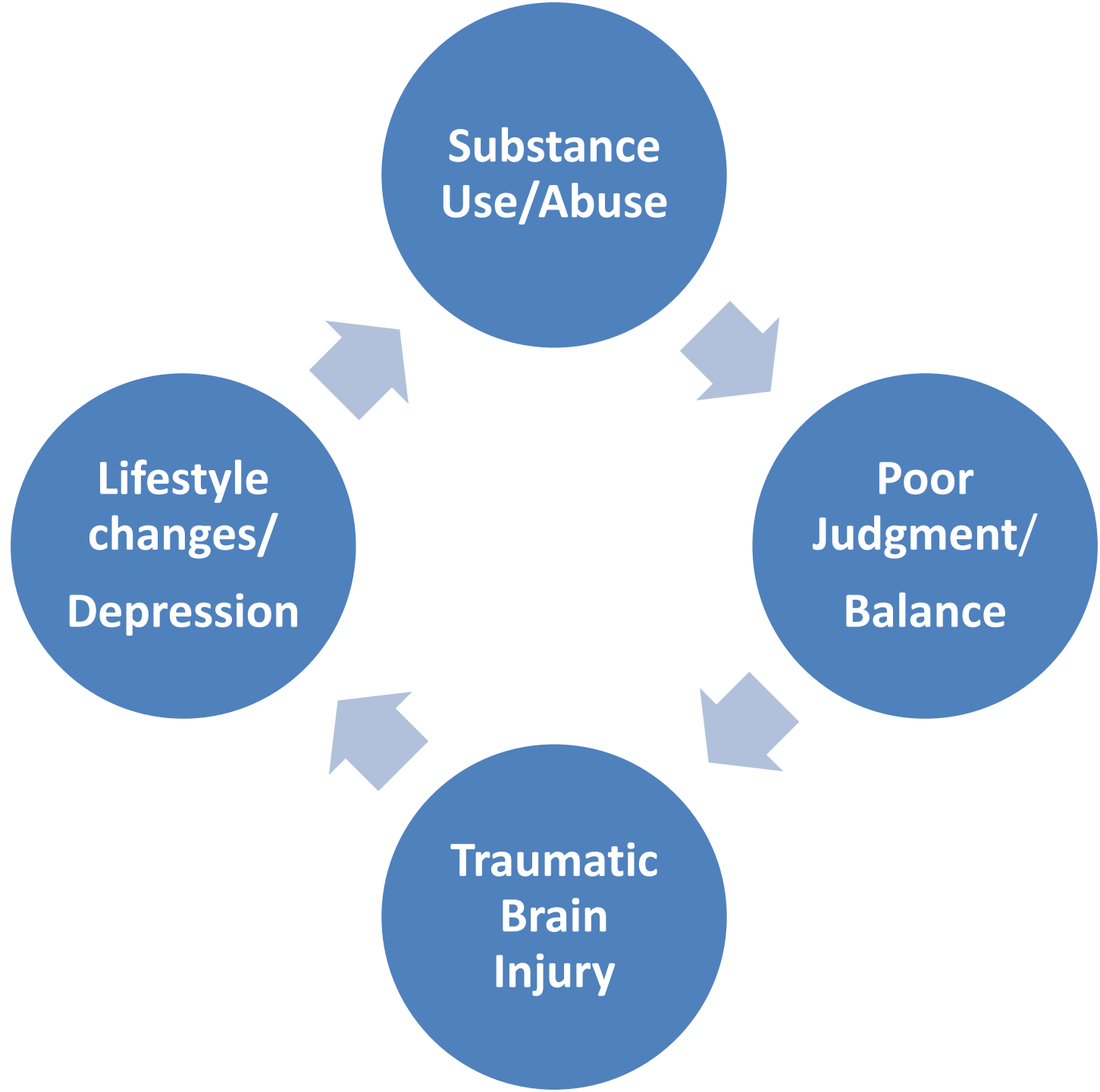
- Increased anxiety or irritability
- Depression
- Egocentric behaviors
- Poor frustration control
- Immature social interactions
- Mood swings
- Impulsiveness or disinhibition



Communication Deficits

- Difficulty initiating conversation
- Difficulty finding words
- Difficulty taking part in a conversation
- Unaware of other's or own body language





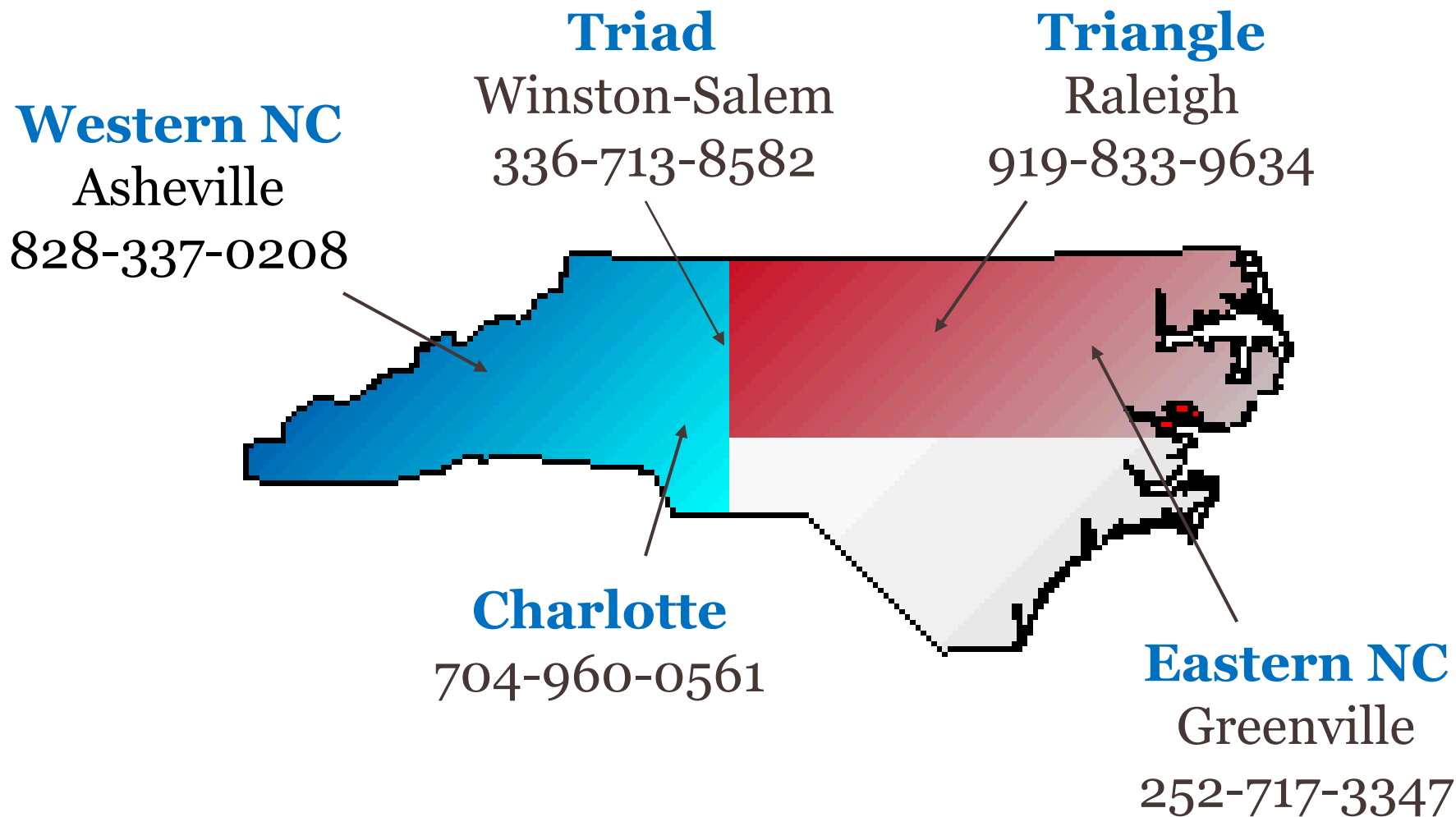
Treatment Considerations



Don't Forget the Families

Brain Injury Affects the entire family. When a loved one experiences a brain injury there is a huge impact on families, friends, or communities

BIANC Resource Centers



BIANC Website

Brain Injury Association of I x Glasgow Coma Scale x Brain Injury Association of I x +

www.bianc.net

Brain Injury Associat... Gmail North Carolina TBI T... NC Conference on ... National Associatio... how to handle beha... Processing Times Traumatic Brain Inju... Other bookmarks



Home About Us Community Resources Government

Family Helpline
1-800-377-1464

Search... Go

- Home
- News and Events
- BIA of America
- Education & Training
- Join BIANC
- Contact Us
- Donate Now

BIANC Resource Book



Download Now

Our Newsletters

- Starting Point

Welcome to the Brain Injury Association of North Carolina (BIANC)

**The Mission of the Brain Injury Association of North Carolina is
To offer Help, Hope and a Voice for people with Brain Injury and their Families**

Currently, there are at least 5.3 million Americans living with a disability because of a brain injury. Every 23 seconds a traumatic brain injury occurs, and in the next year, an average of 1.4 million Americans will sustain a traumatic brain injury (TBI). Approximately, 180,000 North Carolinians are living with challenges of brain injury; this equals the entire population of the city of Fayetteville.

Traumatic brain injury is the signature injury of the current wars and many of the injured Military Service members are returning to their home communities in NC greatly increasing the number of people needing help. Each person with brain injury has unique needs and recovery potential. BIANC seeks appropriate and timely services in order to maximize recovery and provide for an optimal life style for those who have experienced a devastating and life changing TBI.

Founded in 1982 by families and concerned professionals, BIANC is a 501(c)(3) non-profit membership organization that advocates on behalf of individuals with brain injury and their families. A chartered affiliate of the Brain Injury Association of America, BIANC currently has Brain Injury Resource Centers in Raleigh, Charlotte, Greenville, Asheville, and in Winston-Salem.



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Support Groups

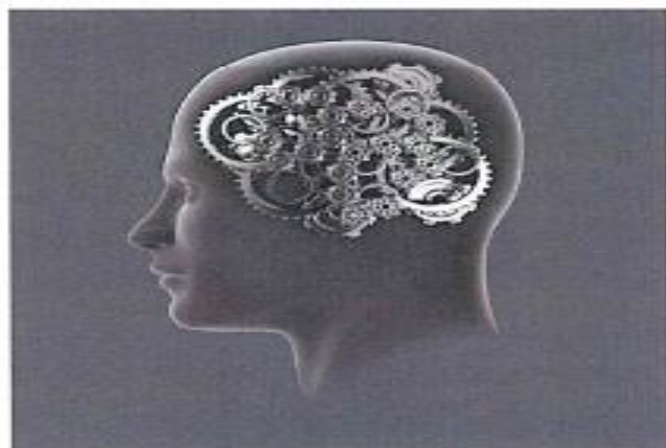


Recreational Outings



The
Brain Injury Association
Of
North Carolina

OMBUDSMAN
PROGRAM



Looking for Help?
Contact an Ombudsman.

1-800-377-1464



*Advocates for
Traumatic Brain Injury
Survivors and Their
Families*

BIANC Resource Calls

[illegible]

- I. Paul's Story
No discharge options from psychiatric hospital
- II. Josh's Story
Devastated family, lost jobs and developed health issues
- III. Camille's Story
Single mom caring for brain injured baby

Future Goals

Increasing Awareness

● Increasing Support

Increasing Outreach

Specialized trainings

Legislative initiatives

Legislative Goals for 2014-2015

1. Completion of a draft for TBI Medicaid Waiver by February 1, 2015
2. Appropriation of new state funds to cover match for Waiver implementation
3. Establishment of TBI study commission to assist with development of a comprehensive system of care to meet the needs of people with brain injuries in North Carolina

